Applicant: Boone Community School District – NC Region

Email address:
jjanes@boone.k12.ia.us

Name of Individual Submitting Application:
Jill Janes

Executive Summary

In 500 words or less, summarize the school district's, non-public school system's or accredited, stand-alone non-public school's vision for your Computer Science is Elementary initiative.

Boone CSD is committed to STEM and career education across PK-12. The district has implemented several initiatives in this area in grades 5-12, and expansion of consistent STEM education at the elementary level is a next step. Franklin elementary, serving grades 2-4, will be the focus of our plan. Our Computer Science is Elementary plan includes goals to raise student achievement and engagement, build all teachers' capacity to provide computer science instruction, collaborate with teachers to integrate computer science in additional content areas, and partner across our community and district to address computer science and career awareness needs.

Our Computer Science is Elementary plan builds upon existing STEM and computer science instruction to ensure all students receive knowledge and skills in this content. Currently, individual teachers implement computer science according to preference, and our plan builds on a current STEM initiative in the library classroom to bring computer science instruction to all students in a grade level. Implementation begins in 2020-2021 with monthly computer science instruction in library classes with fourth grade students. Concurrently, the teacher librarian and instructional coach will collaborate with fourth grade general and special education teachers to integrate computer science instruction in additional content areas. Weekly grade level collaborative team meetings will be leveraged to support all fourth grade teachers in consistent planning and integration for computer science instruction, beginning in 2021-2022. The plan phases computer science instruction to additional grade levels in a similar manner, including all students in the building by 2022-2023.

Investment in professional learning and curriculum development will enable our district to implement and sustain this plan. The district teacher librarian and technology instructional coach will take the lead in implementing this initiative, and they will include early adopters from each grade level team in initial professional learning and curriculum development in the first year. This includes unpacking computer science and content standards and examining curriculum resources. These individuals will then lead professional learning and curriculum work with all teachers throughout implementation.

Local community partners and parents will also be a key to our plan's success. Partners will be invited to serve on a steering team in 2019-2020, taking part in site visits, professional learning, and planning retreats with teachers, administrators, school board members, and parents. Partners have committed to STEM education and computer science in both our school and community. This commitment will enable us to build engagement opportunities both in our school and across community organizations.

Demographics

Points Awarded: / 10

10 points

What is the name of the district, system or stand-alone non-public school making the application?
Boone Community school District.

What is the name of elementary school(s) that will participate in Computer Science is Elementary?
Franklin Elementary School

What grades does the participant building(s) serve?
Grades 2-4

Provide the name, email address and phone number of the primary lead for the application.
Diana Byriel, dbyriel@boone.k12.ia.us, 515-433-0860

Provide the name, email address and phone number of the fiscal agent or business manager who will handle reimbursement if awarded.
Mitchell Lewis, mlewis@boone.k12.ia.us, 515-433-0995

In what STEM region is the district/system/stand-alone non-public school located? (https://iowastem.gov/regions)
North Central STEM Region

Based on Student Reporting in Iowa (SRI) Oct. 1, 2018, reporting, what percentage of students in the participating elementary school(s) are eligible for free and reduced-price lunch?
52% of Franklin students are eligible for the free and reduced lunch program.

Based on SRI Oct. 1, 2018, reporting, what percentage of students in participating elementary school(s) are underrepresented populations in the field of computer science (African-American, Hispanic, American Indian/Alaskan, Native Hawaiian/Pacific Islander)?
The student population is made up of 11.4% of students identified as non-white. Approximately 21% of students are served by an Individualized Education Plan (IEP).

Goals and Measurements

Points Awarded: / 20

20 points

What are the measurable goals for the Computer Science is Elementary initiative in the district/system/stand-alone non-public school?

1. Increase student achievement, engagement, and persistence in math by providing monthly Computer Science instruction to all students in a grade level, beginning in the 2020-2021 school year.
2. Build all teachers' understanding of and capacity to deliver computer science instruction through professional learning.
3. Collaborate with grade level teachers, including special education teachers, to identify curriculum standards and lessons for integrating computer science instruction in math and science in the general classroom.
4. Collaborate with local partners and secondary teachers to define industry-relevant computer science content, skills and career awareness needs.

How do these goals tie to the larger district/system/stand-alone non-public school goals, mission, and vision?

The Boone CSD annual goals for 2018-19 focus on student achievement, high quality instruction, and community engagement. These goals align with our motto, "Expect the BEST, Achieve SUCCESS." The district has named the following goals and actions for our schools:

1. To increase the number of K-12 students that achieve at higher levels of performance in reading, math, and science each year.
2. Provide effective professional development including differentiation, technology, and family engagement.
3. To create strong, positive relationships between school employees, students, families and the community supporting an environment of collaboration for student success.

How will the district/system/stand-alone non-public school measure the success of the plan using student data, with an emphasis on achievement and engagement?

The plan will use the following measures of success:

ISASP math proficiency scores (Spring 2020 & 2021)

Surveys of students/parents attitudes & self-efficacy in computer science (Fall 2020 & Spring 2021)

Observation of engagement/persistence in problem-solving, collected by Instructional Coaches (Fall 2020 & Spring 2021)

Survey of teacher's attitudes & self-efficacy about teaching computer science (Administered Fall 2019, Spring 2020, & Spring 2021)

Monthly grade level team agenda & notes during 2020-2021

Grade-level essential standards & instruction documents

Quarterly steering team meeting agenda & notes

Post-meeting exit survey of team members

Plan

Points Awarded: / 40

40 points

Describe how the plan will be launched or built upon an existing computer science education in the proposed participating elementary school(s).

BCSD believes that STEM curriculum and connections to related careers is a key piece in achieving our goals. The district has expanded STEM courses, adding Project Lead the Way programs at the middle and high school. We have created a STEM BEST model that puts skills in action with work-based learning. Providing STEM career awareness and exploration in elementary is a final step in a comprehensive STEM education model.

Our current efforts at Franklin have focused on expanding teacher understanding and creating resources and opportunities for STEM. The instructional technology leader has provided training and resources for teachers in digital citizenship, NGSS and engineering standards, and technology applications that support students in developing Universal Constructs. She has collaborated with grade level teams in aligning standards, assessments, and instruction. Additionally, she has aided individual teachers in utilizing the technology and STEM resources available at Franklin. The building has created a STEM classroom with makerspace materials, STEM instructional kits, and STEM challenge activities. All 3rd and 4th grade classrooms have chromebooks for 1:1 computing; 2nd grade classrooms have a shared cart of chromebooks. Carts of iPads are available throughout the building; however, these devices are aging which creates many obstacles for meaningful technology integration.

A next step in STEM at Franklin Elementary is to identify avenues to provide STEM education to all students. Currently, individual teachers select lessons or projects that integrate STEM and technology tools, including computer science. The level of computer science experience each student receives often depends on each teacher's interests, knowledge base, and perceived instructional time available. Unfortunately, this can result in STEM activities that are valuable learning opportunities, but not closely aligned with math, literacy, or science standards. Additional training and professional learning is needed to equip teachers for meaningful integration of computer science concepts and skills. These efforts only create pockets of students who are building this knowledge and skillset. In an effort to build consistent STEM programming, the instructional technology coach has collaborated with the district's teacher librarian to create Library STEM days. These days allow all students in each grade to apply STEM skills to a challenge connected to literacy. This introductory model is the foundation for expanding our efforts with a Computer Science is Elementary plan in the library. Beginning in the 2019-2020 school year, the instructional technology coach and district teacher librarian will begin the process of collaboratively unpacking the content and practices associated with the Iowa Computer Science Standards. These individuals will consult with the middle school STEM teacher regarding essential skills needed at the start of fifth grade. This process will bring clarity to

the expectations and rigor of the standards, begin initial creation of a scope and sequence for instruction, and identify instructional resources and practices to meet them within the library class's context. During library classroom time, some pilot units will be taught as essential standards are determined. These pilot units will guide standard selection and unit planning for full implementation of computer science instruction with fourth grade students in the library class in 2020-2021.

Impact

Sub-Section Points Awarded: / 10

What is the plan for computer science instruction by July 1, 2020?

Our Computer Science is Elementary plan will expand upon the current STEM offerings at Franklin Elementary with a goal of providing all students instruction in computer science. Current computer science instruction is limited to once-a-year Library STEM days, an optional Family STEM night event, and individual teachers who choose to incorporate STEM, computational thinking, and coding activities with the assistance of the instructional technology coach. This plan will leverage these efforts to create a new computer science initiative that brings equity to our computer science instruction.

Computer science instruction will be implemented for all students at Franklin under a multi-phase plan. The initial phase of implementation will begin with fourth grade students. The district teacher librarian will integrate computer science concepts with library instruction at least monthly during all fourth grade classes' weekly library class. This instruction will begin in the 2020-2021 school year. During this phase, the librarian and instructional technology coach will collaborate with the fourth grade teaching team to identify units of study in the general classroom to include computer science aligned with grade level essential standards in literacy, science and math. Grade level teams at Franklin currently meet as a professional learning community twice a week, with meeting time focused on identifying standards, learning targets, assessments, and student needs for instruction. This structure facilitates dedicated time to plan computer science integration. Fourth grade classroom teachers will then begin implementing computer science instruction within the general classroom in 2021-2022.

Does the plan build on existing computer science instruction or launch a first-time initiative?

The plan is built upon existing computer science instruction.

Will computer science be integrated into other subjects or delivered as a stand-alone discipline?

Computer science will be integrated into other subjects. Initially, it will be integrated with library media science standards. With expansion to general classroom implementation in future years, the computer science will then also be integrated with science, math, and literacy in each classroom.

What grade level(s) of students and teachers will be included initially?

Initially, the plan will involve fourth grade students and teachers in implementing computer science instruction. Interested teachers from other grade levels will be involved in professional learning to build capacity for expansion.

What is the plan for expansion to all students in all grades in your school?

Two more phases of implementation will follow that expand computer science instruction to third and second grade students. These phases will follow a format similar to the initial phase, with the district teacher librarian introducing computer science integrated with library instruction to third grade students in 2021-2022 while collaborating with third grade teachers to build capacity for general classroom implementation. Second grade students will then begin to take part in computer science lessons through the library class in 2022-2023 with general classroom instruction the following school year. This format will enable us to build curriculum that aligns to standards and instruction at our

middle-school by back-mapping our efforts based upon skills needed for success in middle school. With each year of the plan, we can design instruction and classroom integration that provides a scaffolded approach for our students.

Curriculum

Sub-Section Points Awarded: / 10

What is the plan to identify, revise or write high-quality computer science curriculum aligned to the Iowa Computer Science Standards, 21st Century Skills, Universal Constructs and career exploration?

Our computer science plan will align computer science instruction with curriculum standards in literacy, math, science, and library sciences. An integrated approach will be used to bundle core curriculum standards with Iowa Computer Science Standards, 21st Century Skills in technology and employability, and Universal Constructs for lessons and units of instruction. Additionally, the CCASN framework for work-based learning will be utilized to build computer science career awareness and exploration.

Franklin Elementary's instructional technology coach has worked to assist grade level teams in recognizing the importance of supporting instruction with digital citizenship, computer science, and STEM lessons. She has helped them identify standards and locate STEM resources to support instruction. This includes Code.org, Botley the coding robot, and Scratch Junior. With a unified curriculum and integration plan through Computer Science is Elementary, all students will have experiences with all these resources to build their conceptual knowledge and skills. Our intent is to create computer science learning progressions containing the following:

* Use creative thinking to generate new processes in order to solve a real-world problem

* Work collaboratively with others to create programs, and refine algorithms to solve a real-world problem

* Use critical thinking processes that create loops, conditionals, events, and sequences in programs

* Use critical thinking processes in de-bugging a program

* Pursue open-ended challenges that require creative thinking and multiple approaches

* Research ways that technology influences our culture and culture shapes our technology development

* Explore careers that create and develop digital technology in response to a need in society.

* Creatively brainstorm, design, and build prototypes of technology products that will appeal to needs and wants in our community

* Develop understanding of how hardware and software work together by writing programs to operate robotic devices.

* Explore careers that create digital products compliant with copyright laws

* Create digital projects that require collaborative participation and meaningful interaction as well as adhere to copyright laws.

* Use technology tools to organize and analyze data in order to find patterns or cause/effect relationships.

Additionally, the BCSD has adopted a K-12 framework for career exploration aligned with the work-based learning continuum presented by the University of California, Berkley's College and Career Academy Support Network (CCASN). Our model begins the Career Awareness & Exploration phase in elementary school, engaging students in opportunities to learn about work. Experiences include guest speakers, workplace tours, and interviews. This identified framework will be applied to our Computer Science is Elementary plan by engaging community resources to explore careers and application of computer science.

Professional Learning

Sub-Section Points Awarded: / 10

What is the plan for professional learning in years one (fiscal year 2020) and two (fiscal year 2021), including participants, providers, timeline, instructional pedagogy, curriculum connections, alignment to Iowa standards and school community/employer partner connections?

Professional Learning

Professional learning will include learning for lead implementers as well as all teachers at Franklin Elementary. This approach will span two school years with the intention of building all educator's capacity to implement computer science instruction.

2019-2020 Professional Learning Focus: Learning curriculum and strategies for initial implementation

* Site visits to explore other model elementary computer science programs. Site visits may include programs like Loess Hills Computer Programming School. * Site visit teams will include both educators,business partners, and parents.
* CS Fundamentals training through designated provider of Code.org professional learning programs, NewBoCo. Training will include district librarian, instructional technology coach, one administrator, and up to 3 general education teachers.
* A small group of general education teachers completing the self-paced, online workshop from code.org as a part of 2019-2020 Teacher Quality professional learning.
* Two introductory professional development sessions on computer science for all Franklin Elementary teachers provided by the instructional technology coach, district librarian, and community partners
* Ongoing collaboration and instructional coaching support provided to district librarian by the instructional technology coach with a focus on aligning curriculum, instruction, and standards.
* A series of retreats with a steering team of teachers, parents, and community partners. Retreats will include
**Introduction to computer science and instructional practices.
**Awareness and exploration of careers in computer science
**Collaboration time to plan community and family connections in computer science

2020-2021 Professional Learning Focus: Learning curriculum and strategies for grade level implementation

* CS Fundamentals training through designated provider of Code.org professional learning programs, NewBoCo. Training will include at least 2 teachers at each grade level.
* A small group of general education teachers completing the self-paced, online workshop from code.org as a part of 2020-2021 Teacher Quality professional learning.
* Two additional professional development sessions on computer science for all Franklin Elementary teachers provided by the instructional technology coach, district librarian, and community partners
* Ongoing collaboration and instructional coaching support provided grade level teams by the instructional technology coach during designated collaborative team time with a focus on aligning curriculum, instruction, and standards.
* A family learning session on computer science provided to families at Family STEM night.

Community Engagement

Sub-Section Points Awarded: / 10

How will the community be engaged?

The community will be engaged in both planning and implementation. Initially, community members and parents will be included as representatives on our Computer Science is Elementary Steering team. This work includes taking part in site visits and a series of retreats to learn about elementary computer science and plan for implementation. Community members and parents will then be involved in instruction by providing guest speakers and resources for teaching computer science. Additionally, community will be engaged through outreach events planned in tandem, both at the school and at partner sites.

How will parents and a broader stakeholder group be involved in planning and implementation of the Computer Science is Elementary initiative?

The steering team will not only provide initial insights to plan and launch the program, but it will also be a key part of the program's sustainability. Steering team members will attend site visits, be invited to professional learning opportunities, and convene in a series of retreats to identify key components of instruction. Partners will be particularly relied upon to connect the Computer Science is Elementary program to a broader district, family, and community context. Partners will aid in disseminating information about the program and integrating concepts into additional district, community and family events. For instance, the partners may plan a role for the Computer Science is Elementary program in ISU Extension's STEM festival or the Ericson Library's after school STEM club. PTO representatives will update other families about the program and align ongoing PTO events and support with the program. Educational representation will include CTE and EDGE staff who can aid in connecting the Franklin program to the district's broader programming and goals for postsecondary success. After initial implementation, these partners' connections to larger community and advisory groups will provide sustainability for continued partner development and engagement.

Who are or will be the community/employer partner(s) and what is the shared vision for engagement?

Franklin Elementary will partner with both community partners and families to develop and implement our Computer Science is Elementary initiative. Initial partners include the Ericson Public Library, and Iowa State University Extension. These partners are strong supporters of BCSD. Our partnership with the Ericson Library has included STEM collaboration for after school and summer programs and a NASA grant. Additionally, Iowa State University Extension partners currently serve on our CTE and EDGE advisory council.

Iowa State University Extension will bring hands-on experiences to students through resources related to virtual reality, computer programing and coding. They will also provide a connection to students and faculty for insight into computer sciences careers and fields of study. Ericson Public Library will assist and host family engagement programs and enhance the library collection to support teachers and students in computer sciences.

Our partners will serve a key role in guiding industry relevance, career awareness and family engagement efforts in our plan. These partners will serve on the steering team alongside elementary and secondary teachers, administrators, and at least one school board member. Additionally, parents from the district's Elementary PTO will be asked to serve on this team.

All applicants must have at least one community/business partner. Please include at least one signed letter of commitment (in PDF format) on employer letterhead from a community/business partner. Up to 10 employer letters may be added. This must be done in order for the application to be considered complete.

Our partners include ISU Extension, Ericson Public Library, and the Boone CSD Elementary PTO

Budget

Points Awarded: / 20

20 points

Please include the amount and a brief explanation of the use of funds per cost category not to exceed $50,000 over two years. Allowable expenditures may include the following categories:

Budget Category	Total Request	Year 1	Explanation of Funds	Year 2	Explanation of Funds
Professional Learning	$ 8,000.00	$ 4,000.00	Funds to be used for: 6 attendees at the ITEC annual conference (includes CS Fundamentals training), including travel & cost of substitute teachers; 6 attendees at the Iowa 1:1 Institute, including travel & cost of substitute teachers; Additional Professional Learning Courses for District Librarian, Instructional Technology Coach, teachers, and/or administrators through Heartland AEA or similar provider, including travel & cost of substitute teachers	$ 4,000.00	Funds to be used for: 6 attendees at the ITEC annual conference (includes CS Fundamentals training), including travel & cost of substitute teachers; 6 attendees at the Iowa 1:1 Institute, including travel & cost of substitute teachers; Additional Professional Learning Courses for District Librarian, Instructional Technology Coach, teachers, and/or administrators through Heartland AEA or similar provider, including travel & cost of substitute teachers
Curriculum Development	$ 5,740.00	$ 1,000.00	Funds to be used for 3 half-day retreats with steering team, including cost of substitute teachers;	$ 4,740.00	Funds to be used for Curriculum writing with grade level teachers, instructional coach, and district teacher librarian summer of 2020, paid at teacher's per diem rate
Site Visits	$ 2,000.00	$ 2,000.00	Funds to be used for Mileage to Loess Hills Elementary, Meals, overnight lodging, and substitute teacher costs as needed for up to 8 attendees	$ -	
District Costs	$ 34,260.00	$ 18,960.00	Funds to be used for: 1 cart, equipped with 30 iPad Mini 4S Devices & Cases; Set of 15 Sphero SPRK+ STEAM Educational Robots; Apps for 30 ipads; 15 Osmo bases, Coding Awbie, Coding Jam and Coding Duo sets	$ 15,300.00	Funds to be used for: 1 cart, equipped with 30 iPad Mini 4S Devices & Cases; Apps for 30 ipads;
Staffing Support	$ -	$ -		$ -	
Other	$ -	$ -		$ -	
TOTAL:	$ 50,000.00	$ 25,960.00		$ 24,040.00	
TOTAL VERIFICATION:	$ 50,000.00				
(Formula Written to Sum totals from Year 1 and 2)					

Cost Sharing (may include in-kind or cash from partners or other education funding streams)

Anticipated cost share over the two-year funding period.

$26450

Year 1 anticipated cost share (in dollars). Please provide a brief explanation.

$7150: Funds provided for: In-Kind time of 3 community partners/parents for site visit, estimated @$25/hr.; In-Kind time of 8 community partners/parents for steering team retreats, estimated @$25/hr.; Small groups of 6 teachers completing 12 hours of professional learning in CS Fundamentals at the district's per diem rate; Family STEM Night Activities in Computer Science

Year 2 anticipated cost share (in dollars). Please provide a brief explanation.

$19300: Funds provided for: 1 Cart, equipped with 30 iPad Mini 4S Devices & Cases; Apps for 30 iPads; Small groups of 6 teachers completing 12 hours of professional learning in CS Fundamentals at the district's per diem rate; Family STEM Night Activities in Computer Science

The expectation for the Computer Science is Elementary award is that the plan uses primarily existing school revenue sources to execute a plan. After year two of the award, what is the plan for sustainability using existing or any additional funding sources?

Boone CSD has secured funding and in-kind support to assist the growth of our program. Boone CSD is committed to providing funding for expanding and upgrading technology resources through library and technology annual budgets. Professional learning funds have been dedicated for teacher learning as well. Additionally, partners have committed to taking part in site visits and professional development as a part of our steering committee to further develop our program.

Computer Science is Elementary Model Network

Points Awarded: / 10

10 points

To be eligible for the award, participation in the Computer Science is Elementary Model Network is necessary. By checking this box, the district/system/stand-alone non-public school is willing to participate in a Computer Science is Elementary Model Network including, but not limited to, hosting visits and sharing best practices, challenges, opportunities and successes with colleagues across the state.

I agree

IOWA STATE UNIVERSITY
Extension and Outreach

Boone County
1327 SE Marshall Street
Boone, IA 50036
515.432.3882
alexmerk@iastate.edu

March 27, 2019

To Whom it May Concern:

Iowa State University Extension and Outreach of Boone County is pleased to confirm our support for and continued relationship with the Boone Community School District under the Computer Science is Elementary grant. The grant is very valuable to the continuing efforts that our organization is making to empower youth to reach their full potential through research-based experiences, specifically in our program priority area of STEM education.

Over the past several years, ISU Extension and Outreach has been proud to join Boone CSD in partnership to ensure students and families have access to high quality STEM learning and resources. We feel strongly that students must connect learning in school to their family and community. Our previous partnership in this effort has included providing the following supports.

- Joining in family engagement events like STEM night.
- Providing resources to educators to expand classroom instruction.
- Offering after-school, school-break and summer programming to extend learning beyond the classroom.

ISU Extension and Outreach is committed to continued support of the BCSD through the Computer Science is Elementary project. The opportunities for collaboration between our organization and Boone CSD are many and will benefit students as well as the future of our organization. Our future support will involve expanding our work to bring hands-on experiences to students through our resources related to virtual reality technology, computer programming and coding. We have curriculum and trained staff in this area, and can also provide a connection to Iowa State University students and faculty for insights into computer sciences careers and fields of study. It is clearly a priority for us to partner in this project, and our students and community will be well served.

I'm pleased that ISU Extension and Outreach of Boone County and Boone Community School District have committed to support STEM and computer science education.

Sincerely,

Alex Merk

Alex Merk
County Director

March 25, 2019

To Whom it May Concern:

The PTO is pleased to confirm our support for and continued relationship with Boone Community School District under the Computer Science is Elementary grant. The grant is very valuable to the continuing efforts that PTO is making to provide support for STEM education and family engagement in the Boone community.

Over the past several years, PTO has been proud to join Boone CSD in partnership to ensure students and families have access to high-quality STEM learning and resources. We feel strongly that students must connect learning in school to their family and community. Our previous partnership in this effort has included providing the following supports:

- Joining in family engagement events like STEM and literacy night.
- Serving as a guest speaker and/or presenter for classes of students.
- Sharing information about BCSD programs with our patrons.
- Providing resources to educators to expand classroom instruction.
- Serving on a committee to align curriculum planning and implementation with the community and industry needs.

PTO is committed to continued support of the BCSD through the Computer Science is Elementary project. The opportunities for collaboration between PTO and Boone CSD are many and will benefit students as well as the future of our organization. Our future support will involve continuing/expanding our work to reach families and students. Our vision is to prepare our elementary students for a successful transition to STEM within the middle school setting. It is clearly a priority for us to partner in this project, and our students and community will be well served.

I'm pleased that PTO and the Boone Community School District have committed to support STEM and computer science education.

Sincerely,

Andrea J. Weber
Boone Elementary School PTO President

March 27, 2019

To Whom It May Concern:

Ericson Public Library is pleased to confirm our support for and continued relationship with Boone Community School District (BCSD) under the *Computer Science is Elementary* grant. The grant is very valuable to the continuing efforts that Ericson Public Library is making to provide support for STEM education and family engagement in the Boone community.

Over the past several years, Ericson Public Library has been proud to partner with BCSD to ensure students and families have access to high quality STEM learning and resources. We strongly believe that students must connect learning in school to their family and community. Our previous ventures in this effort have included providing the following support:

- Joining in family engagement events like STEM and literacy night.
- Serving as a guest speaker and/or presenter for classes of students.
- Sharing information about BCSD programs with our patrons.
- Providing resources to educators to expand classroom instruction.
- Partnering with the district for grants relating to STEM .

Ericson Public Library is committed to continue support of the BCSD through the *Computer Science is Elementary* project. This collaborative opportunity not only benefits the students, but benefits our community as a whole. Our future support will involve continuing to expand our work with BCSD students, teachers, and families through STEM programming, assisting and hosting family engagement programs, enhancing our collection for students and teachers and providing insight by serving on an advisory board for this project. It is a priority for us to partner on this project for the enrichment of our students and community.

We are pleased that Ericson Public Library and BCSD are committed to support STEM initiatives and computer science education.

Sincerely,

Jamie Williams
Director

Zachary Stier
Children's Librarian

702 Greene Street Boone, Iowa 50036
(515) 432-3727 ericson@boone.lib.ia.us www.boone.lib.ia.us

Reviewer Name:

Reviewer Signature: **Total Points Awarded:** **/100**